

DETAILED PROGRAMME SCHEDULE

INTERNATIONAL NUCLEAR SCIENCE, TECHNOLOGY AND ENGINEERING 2016 (NUSTEC2016)

**8 - 10 Aug 2016, Dewan Seri Budiman,
Universiti Teknologi MARA,
Shah Alam, Selangor, Malaysia**

DAY 1

8 August 2016 (Monday)

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	Time	Activity
	08:15	Registration Arrival of Participants and Guests
	09:00	Opening ceremony of NuSTEC2016 and WiN Malaysia 1st Annual Conference 2016 <ul style="list-style-type: none"> • Welcoming Remarks by Assoc. Prof. Dr Zaini Hamzah, President Malaysian Nuclear Society (MNS) • Welcoming Remarks by Dr Noor Hasnah Mohamed Khairullah, President, Women in Nuclear Malaysia (WiN Malaysia) • Welcoming Remarks by Prof. Dr. Hj. Khudzir Bin Hj Ismail, Dean, Faculty of Applied Sciences, Universiti Teknologi MARA (UiTM) • Officiating Speech by Prof. Emeritus Dato' Dr Hassan Said, Vice Chancellor, Universiti Teknologi MARA (UiTM)
P01	09:30	Session 1: Chairman: Prof. Khudzir Hj Ismail (UiTM) Plenary 1: Positioning Educational Institution for Sustainable Development in Nuclear Science and Technology YBhg. Tan Sri Dato' Ir. Dr. Ahmad Zaidee bin Laidin, FASc (UiTM Chairman)
P02	10:05	Plenary 2: Current Status of Nuclear Human Resource Development in Tokyo Institute of Technology Prof. Masaki Saito, Tokyo Institute of Technology, Japan
	10:40-11:00	Tea Break Press Conference Poster Session, Exhibition Session

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P03	11:00	<p style="text-align: center;">Session 2: Joint Keunote (WiN MALAYSIA/NuSTEC2016)</p> <p style="text-align: center;">Chairman: Dr Noor Hasnah Mohamed Khairullah, WiN Malaysia</p> <p style="text-align: center;">Keynote 1: Career as a Woman Scientist and International Diplomat and the MegaScience 3.0 Project Prof. Emeritus Datuk Dr. Mazlan Othman, Academy of Sciences Malaysia</p>			
P04	11.35	<p style="text-align: center;">Keynote 2: The Need for International Cooperation and Collaboration in the Nuclear Field Prof. Emeritus Dato' Dr. Noramly Muslim</p>			
P05	12:05	<p style="text-align: center;">Keynote 3: Opportunities for Women (and Men) at the IAEA and the role of the IAEA in Assisting Member States in Communicating and Promoting Safe and Peaceful Nuclear Technology Ms. Janice Dunn-Lee, Deputy Director General, Department of Management, IAEA</p>			
P06	12:40	<p style="text-align: center;">Invited 1: Sensors in Nuclear Technology Prof. Dr .Thamir A. AlKadimi, President, Al-Karakh University of Science, Iraq.</p>			
	13:10	Lunch break/ Poster session/Exhibition session			
	14:15-17.00	Session 3: Parallel Session 3A and 3B			
P07	14:15	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <p style="text-align: center;">Session 3A: WiN Malaysia Chairman: Dr. Julia Abdul Karim</p> <p style="text-align: center;">How to grow trust of the public for nuclear power Junko Ogawa, WiN Japan</p> </td> <td style="width: 5%; text-align: center; vertical-align: top;">14:15</td> <td style="width: 45%; vertical-align: top;"> <p style="text-align: center;">Session 3B: Prof Khalik, UiTM <i>Environment and Safety 1</i> CALCULATION THE RATE OF GAMMA RAY DISPERSION IN GALLIUM ARSENIDE COMPOUND. <u>Haider F. Abdul Amir</u>, Abu Hassan, Fuei Pien Chee and Saafie Salleh</p> </td> </tr> </table>	<p style="text-align: center;">Session 3A: WiN Malaysia Chairman: Dr. Julia Abdul Karim</p> <p style="text-align: center;">How to grow trust of the public for nuclear power Junko Ogawa, WiN Japan</p>	14:15	<p style="text-align: center;">Session 3B: Prof Khalik, UiTM <i>Environment and Safety 1</i> CALCULATION THE RATE OF GAMMA RAY DISPERSION IN GALLIUM ARSENIDE COMPOUND. <u>Haider F. Abdul Amir</u>, Abu Hassan, Fuei Pien Chee and Saafie Salleh</p>
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P10	15:45	SECURITY CULTURE FOR NUCLEAR FACILITIES <u>Deeksha Gupta</u> , Edita Bajramovic	15:15	CHARACTERIZATION OF ZnBr₂ SOLUTION AS A LIQUID RADIATION SHIELD FOR MOBILE HOT CELL WINDOW <u>Muhammad Hannan Bahrin</u> , Megat Harun Al Rashid Megat Ahmad, Hasni Hasan, Anwar Abdul Rahman, Azraf Azman, Mohd Zaid Hassan, Shalina Sheikh Muhamad , Mohd Arif Hamzah, Rafhayudi Jamro
P11	16:05	REVIEW: DEUTERIUM-DEUTERIUM FUSION IN PLASMA FOCUS DEVICE <u>Siti Aiasah Hashim</u> , Abd. Halim Baijan, Faridah Idris, Mohd Faiz Mohd Zain, Rokiah Mohd Sabri, Leo Kwee Wah, Mohd Rizal Md Chulan	15:35	CHARACTERISTIC OF MOLTEN FLUORIDE SALT SYSTEM LIF-BEF₂ (FLIBE) AND LIF-NAF-KF (FLINAK) AS COOLANT AND FUEL CARRIER IN MOLTEN SALT REACTOR (MSR) <u>Che Nor Aniza Che Zainul Bahri</u> , Wadee'ah Mohd Al-Areqi, Mohd 'Izzat Fahmi bin Mohd Ruf, Amran Ab. Majid
P12	16:25	GENDER EQUALITY IN JAPANESE NUCLEAR ENERGY FIELD Youko Kobayashi	15:55	ANALISA DAN PENCIRIAN PENYELESAIAN MASALAH (TROUBLESHOOTING) UNTUK IRRADIATOR IR219, JS10000 DI LOJI MINTEC-SINAGAMA, MALAYSIA <u>Ruzalina Baharin</u> , Madihah Mohamad Fauzi, Aishah Syafiqah Kamarudin, Mohd Noorwadi Mat Lazim, Jamilah Karim dan Ahsanulkhaliqin Abd Wahab
P13	16:45	PROVIDING SECURITY ASSURANCE IN LINE WITH NATIONAL DBT ASSUMPTIONS <u>Edita Bajramovic</u> , Deeksha Gupta	16:15	INTERNAL DOSE ASSESSMENT OF 238U CONTAMINATED SOILS BASED ON IN-VITRO GASTROINTESTINAL PROTOCOL <u>Yasmin Mohd Idris Perama</u> , Nur Shahidah Abdul Rashid , Amran Ab. Majid, Khoo Kok Siong
P14	16:35		NATURAL RADIOACTIVITY MEASUREMENTS AND EVALUATION OF RADIONUCLIDES IN SURFACE MARINE SEDIMENT AT KUALA LANGAT, SELANGOR, MALAYSIA <u>Sabarina Md Yunus</u> , Zaini Hamzah, Ahmad Saat	
	16:55	Tea break & Adjourn		

DAY 2

9 August 2016 (Tuesday)		
No	Time	Activity
P15	09:00-09:35	Session 4: Joint Keynote Chairman Dr. Siti A'iasah Hashim, Win Malaysia/Nuklear Malaysia Keynote 4: How Women in STI Contribute to the Country's Economic Progress Datuk (Dr.) Hafsa Hashim, SME Corporation Malaysia
P16	09:35-10:10	Keynote 5: Challenges of Deploying Nuclear Energy for Power Generation in Malaysia <u>Dr. Mohd Zamzam Jaafar</u>, Nurul Huda Nazaruddin, Jonathan Tan Thiam Lye, Malaysia Nuclear Power Corporation
	10:10-10:30	Tea Break Poster Session, Exhibition
P17	10:30-11:05	Session 5: Chairman: Dr Abdul Aziz Mohamed, UNITEN/MNS Keynote 6: THE NUCLEAR HUMAN RESOURCE DEVELOPMENT PROGRAM IN MALAYSIA by Hitachi-GE and Tokyo Tech in Cooperation with UKM and UNITEN <u>Masahiro Hamamoto</u> (Hitachi-GE), Masaki Saito, Masayuki Igashira (Tokyo Tech), Khoo Kok Siong, Faizal Mohamed (UKM), Abdul Aziz Mohamed and Nasri A. Hamid (UNITEN)
	11:05-11:55	Technical: RADIATION MONITORING SYSTEM FOR SEAWATER Syed R. Maswood, North American Technical Services Incorporated, USA

Session 6: Parallel 6A, 6B and 6C						
P18	11:55	<p>Session 6A: WiN Malaysia Chairman: Ms Salmah Moosa</p> <p>THE ROLE OF LEGAL FRAMEWORK IN SUPPORT OF NUCLEAR PROJECT IN DECISION MAKING- SUDAN AS CASE, Nasir Osman</p>	11:55	<p>Session 6B: Chairman: Dr Haider F. Abdul Amir, UiTM</p> <p>Invited 2A: NUCLEAR AND OPTIMAL ELECTRICITY GENERATION MIX FOR SUPPLY, UTILISATION AND ENVIRONMENTAL OBJECTIVES Jamal Abdul Nasir Abd Manan, Tenaga Nasional Berhad</p>	<p>Session 6C: Chairman: Dr Nazlinda Abdullah, UiTM Invited 2B: TO EDUCATE THE PUBLIC ON HOW IMPORTANCE IN UNDERSTANDING OF KNOWING THE HUMAN EXPOSURE TO NATURAL BACKGROUND RADIATION Siti Fazlili Abdullah, UNITEN</p>	
P19	12:15	<p>FUTURE OF NUCLEAR EDUCATION IN NIGERIA Chariette Ereh Nandi-Esom</p>	12:25	<p><i>Material and Sustainability 1</i> RADIATION ATTENUATION ON LABYRINTH DESIGN BUNKER USING IRIDIUM-192 SOURCE Mohamad Pauzi bin Ismail, Suhairy bin Sani, Noor Azreen bin Masenwat, Shukri Mohd, Shaharudin Sayuti, Mohamad Ridzuan Bin Ahmad, Mohamad Haniza bin Mahmud and Nasharuddin bin Isa</p>	<p><i>Science and Engineering 1</i> EVENT CLASSIFICATION AND OPTIMIZATION METHODS USING ARTIFICIAL INTELLIGENCE AND OTHER RELEVANT TECHNIQUES: SHARING THE EXPERIENCE Abdul Aziz Mohamed, Abu Bakar Hasan and Abu Bakar Mhd. Ghazali</p>	
P20	12:35	<p>NUCLEAR COMMUNICATION AND STAKEHOLDER ENGAGEMENT: KEY TO SECURING PUBLIC TRUST AND CONFIDENCE Noor Hasnah Mohamed Khairullah</p>	12:45	<p>SURFACE ADHESION STUDY OF LA2O3 THIN FILM ON SI AND GLASS SUBSTRATE FOR MICRO-FLEXOGRAPHY PRINTING S. Hassan, M.S.Yusof, Z.Embong, M.I.Maksud1 and M.N.Nodin</p>	<p>INVESTIGATION ON ALTERNATIVE METHODS TO ENHANCE THE COOLING CAPACITY OF AN OPEN POOL REACTOR2030 Rosli Darmawan, Nor Mariah Adam, Nuraini Abdul Aziz, M Khairol Anuar M Ariffin</p>	
12:55-14.10		Lunch break/ Poster session/Exhibition session				
14.10-17.00		Session 7: Parallel 7A, 7B and 7C				
P21	14:10	<p>Session 7A : WiN Malaysia Chairman: Ms Mazleha Maskin</p> <p>THE ROLE OF PUSPATI TRIGA REACTOR IN HUMAN RESOURCE CAPACITY BUILDING FOR NUCLEAR POWER PROGRAMME IN MALAYSIA Zarina Masood</p>	14:10	<p>Session 7B Chairman: Dr Ahmad Saat, UiTM</p> <p><i>Science and Engineering 2</i> Black Hole Remnants at LHC M. J. Soleimani, N. Abbasvandi, W. A. T. Wan Abdullah</p>	14:10	<p>Session 7C: Chairman: Dr Muhammad Rawi Mohamed Zin, MNS/Nuclear Malaysia <i>Energy and Infrastructure</i> A PROPOSAL ON ADAPTATION OF BIG DATA ANALYTICS FRAMEWORK IN NUCLEAR SECURITY TOWARD DEVELOPMENT OF INTEGRATED, REAL-TIME AND INTELLIGENT NUCLEAR MATERIALS ACCOUNTING AND CONTROL (i2-NMAC) SYSTEM</p>

						Maizura Ibrahim, Saaidi Ismail, Mohd Fauzi Haris, Siti Nurbahyah Hamdan, Mohamad Safuan Sulaiman, Sufian Norazam Mohamed Aris, Mohd Dzul Aiman Aslan, Nur Fatini Abdul Ghani
P22	14:30	AUTOMATED POWER CONTROL SYSTEM FOR REACTOR TRIGA PUSPATI <u>Anith Khairunnisa Ghazali</u>, Mohd Sabri Minhat, Mohd Khair Hassan	14:35	ARDUINO BASED RADIOACTIVE SOURCE TRACKING SYSTEM <u>Nur Aira Abd Rahman</u>, Mohd Fazlie Bin Abdul Rashid, Anwar Bin Abdul Rahman, and Atikah Ramlan	14:35	NATIONAL DATA CENTRE PREPAREDNESS EXERCISE 2015 (NPE2015): MY-NDC ANALYSIS RESULT <u>Faisal Izwan Abdul Rashid</u>, Noriah Jamal, Muhammed Zulfakar Zolkaffly, Fairuz Suzana Mohd Chachuli, Siti Syarina Mat Sali
P23	14:50	A PROFILE STUDY ON RADIOFREQUENCY RADIATION LEVEL EMITTED BY THE MOBILE TELEPHONE AND WIRELESS BROADBAND BASE STATION <u>Roha Tukimin</u>, Wan Saffiey Wan Abdullah, Rozaimah Abd Rahim, Shamesh Raj	14:55	STUDY ON THE INSULATION GAS SYSTEM OF THE 300 keV ELECTRON ACCELERATOR <u>K.W. Leo</u>, Y. Dalim, B. Naim, R.M. Chulan, S.A. Hashim, M. Azhar, M. Mohtar, A.H. Baijan, R.M. Sabri, M. Faiz, A. Azraf, M. Zaid, A. Azaman, J. Rosli	14:55	MALAYSIAN PUBLIC PERCEPTION TOWARDS NUCLEAR POWER; ENERGY-RELATED ISSUES <u>Fauzan Amin Misnon</u>, Irman Abd Rahman and Muhammad Samudi Yasir
P24	15:10	MALAYSIAN ALTERNATIVES TO INTERNATIONAL REFERENCE BENTONITE BUFFER IN UNDERGROUND NUCLEAR WASTE REPOSITORY <u>Mohd Yuhyi Mohd Tadza</u>, Roslanzairi Mustapha, Nor Dalilah Desa, Kamarudin Samuding	15:15	STUDY ON FAULT DETECTION AND ESTIMATION OF NUCLEAR SAFETY AND NON-SAFETY RELATED INSTRUMENTATION AT RTP <u>A.J. Zareen Khan</u>, M.A Ikmal, M.M Sabri, A.M Ridzuan, A.M Khairulezwan , A.J Nurfarhana	15:15	ANALYSIS OF ENERGY MIX OF PENINSULAR MALAYSIA <u>Muhammed Zulfakar Zolkaffly</u>, Faisal Izwan Abdul Rashid, Fairuz Suzana Mohd Chachuli, Siti Syarina Mat Sa
P25	15:30	NEUTRON OPTIC SIMULATION FOR NEUTRON RADIOGRAPHY COLLIMATOR USING RAY TRACING METHODOLOGY <u>Norfarizan Mohd Said</u> and Muhammad Rawi Mohamed Zin	15:35	MODELLING AND ADAPTIVE CONTROL OF A POWER CONTROL SYSTEM AT REACTOR TRIGA PUSPATI <u>Mohd Sabri Minhat</u>, Hazlina Selamat	15:35	MOLTEN SALT CHEMISTRY AND ITS APPLICATION TO NUCLEAR POWER <u>Engku Mohd Fahmi Engku Chik</u> and Susan Sipaun

P26	15:50	RADIONUCLIDE TRANSFER IN FOOD CHAIN <u>Salmah Moosa, Anis Nadia Mohd. Faisol Mahadeven, Mohd. Noor Hidayat Adenan, Shakinah Salleh</u>	15:55	SLOW NEUTRON MAPPING TECHNIQUE FOR LEVEL INTERFACE MEASUREMENT. <u>R.M.Zain, H. Ithnin, A. Razali, N.H.M.Yusof, I. Mustapha, R. Yahya, N.Othman, M.F.A.Rahman</u>	15:55	THORIUM FUEL REACTORS Susan Sipaun
P27			16:15	STRUCTURE STUDY OF TWO-NEUTRON HALO NUCLEI, ²²C USING THREE-BODY MODEL <u>Fitri Hakeem M. Salih, Shahidan Radiman, Khoo Kok Siong</u>	16:15	COMPARATIVE ANALYSIS OF PRELIMINARY DESIGN CORE OF TRIGA BANDUNG USING FUEL ELEMENT PLATE MTR IN INDONESIA <u>Anwar Ilmar Ramadhan, Efrizon Umar, Nathanael Panagung Tandian, Aryadi Suwono</u>
P28	16:35	Session 8: Teleconference Chairman: Dr Sharif bin Che Ibrahim, UiTM Invited 3: ADVANCES ON SMR DESIGN AND TECHNOLOGY DEVELOPMENT Hadid Subki, IAEA				
	15:05	Tea break & Adjourn				

DAY 3

10 August 2016 (Wednesday)		
No	Time	Activity
	09:00-16:10	WiN Malaysia Communication Workshop
P29	9:00 – 9.35	Session 9: Chairman: Dr Zaini Hamzah, UiTM/MNS Keynote 5 : PROSPECT OF NUCLEAR POST 2030 Director General, Malaysia Nuclear Agency
P30	9.35 – 10.10	Keynote 9: ASEANTOM - TOWARDS ENHANCING REGIONAL NUCLEAR SAFETY, SECURITY AND SAFEGUARDS Hamrah bin Mohd Ali, Director General, Atomic Energy Licensing Board (AELB)
P31	10:10-10:40	Invited 4: COUNTER EFFECT OF FUKUSHIMA ACCIDENT Dr Kenta Murakami, Nuclear Professional School, School of Engineering, The University of Tokyo, Japan
	10:40-11:00	Tea break/poster session/exhibition

Session 10: Parallel 20A and 10B		
P32	11:00	<p>Session 10A Chairman: Dr Ahmad Taufek bin Abdul Rahman, UiTM Science and Engineering 3 NEUTRONICS CALCULATION OF RTP CORE Mohamad Hairie B. Rabir, Muhammad Rawi B. Mohamed Zin, Julia Bt. Abdul Karim, Abi Muttaqin B. Jalal Bayar, Mark Dennis Anak Usang, Muhammad Khairul Ariff B. Mustafa, Na'im Syauqi B. Hamzah, Norfarizan Bt. Mohd Said, Muhammad Husamuddin B. Abdul jalil</p>
		<p>Session 10B: Chairman: Dr Misbah bin Hassan UiTM Environment and Safety 3 IN-SITU MEASUREMENT OF TERRSTRIAL GAMMA RADIATION DOSE RATE IN WEST OF SARAWAK STATE Azril Izham, A.T. Ramli, W.M. Saridan Wan Hassan, H.N. Idris, N.A. Basri</p>
P33	11:20	<p>CRYSTAL AND MAGNETIC STRUCTURES OF LIFE1-XMNXP04 BY NEUTRON POWDER DIFFRACTION Zakiah Mohamed, Chris D. Ling, Maxim Avdeev</p>
		<p>ASSESSMENT AND MITIGATION OF POWER QUALITY PROBLEMS FOR PUSPATI TRIGA REACTOR (RTP) Mohd Fazli Zakaria, Vigna K. Ramchandaramurthy</p>
P34	11:40	<p>ENHANCEMENT OF FLUX PINNING PROPERTIES IN NANOSIZED MgO ADDED Bi-2212 SUPERCONDUCTOR THROUGH NEUTRON IRRADIATION Zaahidah 'Atiqah Mohiju, Nasri A. Hamid, Yusof Abdullah</p>
		<p>MODELLING OF OILFIELD STUDY USING RADIOTRACER APPROACH: A PRELIMINARY N.Othman, N.H. Yusoff, M.A.S. Mohd Yunos; N.M. Hassan, E.M.F. Engku Chik, A.M.Terry, N.Abdullah, H. Hassan</p>
P35	12:00	<p>ACOUSTIC EMISSION SOURCE LOCATION USING TRIPLE POINT FILTERING METHOD Shukri Mohd, Karen Holford, Rhyss Pullin and Mohammad Ridzuan Ahmad</p>
		<p>MECHANTRONICS Nahrul Khair Alang Md Rashid, UTM</p>
P36	12:20	<p>X-RAY TOMOGRAPHY WITH A CDTE TIMEPIX DETECTOR R.M.Zain, V.O'Shea, D.Maneuski, R. Bates</p>
		<p>DENSITY MEASUREMENT USING NUCLEAR DENSITY GAUGE Mohamad Syafiq Mohd Amin, Mohamad Pauzi Ismail, Mohd Azmi Ismail, Tengku Sarah Tengku Amran and Nurul Zulaikha Akma Binti Mohd Zaki</p>
P37	12:40	<p>WATER PIPES AND LEAKAGE DETECTION USING GROUND PENETRATING RADAR (GPR) Tengku Sarah binti Tengku Amran, Mohamad Pauzi Ismail, Mohamad Ridzuan Ahmad, Mohamad Syafiq Mohd Amin, Suhairy Sani, Noor Azreen Masenwat, Mohd Azmi Ismail and Shu-Hazri Abdul Hamid</p>
		<p>CHARACTERIZATION AND ATTENUATION STUDY ON TANNIN ADDED Rhizophora spp. PARTICLEBOARD AT HIGH ENERGY PHOTON AND ELECTRON Mohd Fahmi Mohd Yusof, Puteri Nor Khatijah Abd Hamid, Abd Aziz Tajuddin, Reduan Abdullah, Rokiah Hashim, Sabar Bauk, Norrizza Mohd Isa, Muhammad Jamal Md Isa</p>
	13.00-14.15	<p>Lunch break Poster and Exhibition Sessions</p>
P38	14.15-	<p>Session 11: Chairman: Dr Abdul Aziz Mohamed, UNITEN/MNS PROFESSIONALISM IN NUCLEAR ENGINEERING Invited 5: Assoc. Prof. Ir. Dr. Nahrul Khair Alang Md Rashid, UTM</p>
P39	14:45	<p>Invited 6: HUMAN RESOURCE DEVELOPMENT FOR NUCLEAR GENERATION – FROM THE PERSPECTIVE OF A UTILITY COMPANY Dr Nor Azlan Mostafa, Tenaga Nasional Berhad</p>

P40	15:15 - 16:10	<p align="center">Special session 12: Presentation by Nuclear Youth Lecture Competition 5 minutes competition (on nuclear power and state your position on the selected topic) Presentation by Group 1: Nuclear Medical Applications in Future (5 mins) Presentation by Group 2: 3E (Energy, Economy and Environment) Issues in the World (5 mins) Presentation by Group 3: Nuclear waste problem (5 mins) Panel: Dr Zakiah (Chair)</p>
	16:10 17:00	<p>Prize Giving and Closing Ceremony Closing Ceremony (NuSTEC2016/WiN 2016 /Nuclear Youth Competition) Prize giving for Nuclear Youth Gathering Announcement for NuSTEC2017 Summary Remark by Assoc Prof Dr Khudzir Bin Haji Ismail, Dean, FSG,UiTM</p>
	17.00	Tea break & End of Conference

LIST OF POSTERS

No	Title of poster
PP01	<p style="text-align: center;">DOSE MEASUREMENT USING Al₂O₃ DOSIMETER IN COMPARISON TO LiF:Mg,Ti DOSIMETER AND IONIZATION CHAMBER AT LOW AND HIGH ENERGY X-RAY</p> <p style="text-align: center;"><u>Mohd Fahmi Mohd Yusof</u>, Muhammad Hadzmi Yahya, Ahmad Bazlie Abdul Kadir, Norriza Mohd Isa, Muhammad Jamal Md Isa</p>
PP02	<p style="text-align: center;">WEB DESIGN AND DEVELOPMENT FOR CENTRALIZE AREA RADIATION MONITORING SYSTEM IN MALAYSIAN NUCLEAR AGENCY</p> <p style="text-align: center;"><u>Maslina Mohd Ibrahim</u>, Nolida Yussup, Mohd Fauzi Haris, Azraf Azman, Faizal Azrin B. Abdul Razalim, Syirrazie Che Soh @ Shaari, Mohd Dzul Aiman Aslan, Raymond Yapp, Harzawardi Hasim</p>
PP03	<p style="text-align: center;">DEVELOPMENT OF AUTOMATION SOFTWARE FOR NEUTRON ACTIVATION ANALYSIS PROCESS IN MALAYSIAN NUCLEAR AGENCY</p> <p style="text-align: center;"><u>Nolida Yussup</u>, Nur Aira Abd Rahman¹, Maslina Mohd Ibrahim¹, Mukhlis Mokhtar, Nazaratul Ashifa Abdullah Salim, Syirrazie Che Soh@Shaari, Azraf B. Azman</p>
PP04	<p style="text-align: center;">EFFECT OF USING DIFFERENT TYPES OF MINERALS ON MECHANICAL PROPERTIES OF ULTRAHIGH PERFORMANCE CONCRETE</p> <p style="text-align: center;"><u>Noor Azreen Bin Masenwat</u>, Mohamad Pauzi Ismail, Suhairy Sani, Mohamad Haniza bin Mahmud, Raizal Saifulnaz Muhammad Rashid, Voo Yen Lei</p>
PP05	<p style="text-align: center;">DESIGN AND DEVELOPMENT OF PC-BASED TOFD ULTRASONIC SCANNING SYSTEM FOR WELDS INSPECTION</p> <p style="text-align: center;"><u>Suhairy Sani</u>, Mohamad Pauzi Ismail, Shukri Mohd, Noor Azreen Masenwat, Tengku Sarah Tengku Amran, Mohamad Syafiq Mohd Amin and Mohamad Ridzuan Ahmad</p>
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PP14	<p>THE IMPLEMENTATION OF PHYSICAL SAFETY SYSTEM IN BUNKER OF THE ELECTRON BEAM ACCELERATOR <u>M.A. Ahmad</u> , S.A. Hashim, A. Ahmad, K.W. Leo, R.M. Chulan, Y. Dalim, A.H. Baijan, M. Faiz, J. Rosli</p>
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